

Kozlov, V.I.

1972

Effect of salinity on the incidence of posthodiplostomiasis
of fish (Vliianie solenosti vody na zarazheniye ryb
posthodiplostomiozom)
Gidrobiologicheskii zhurnal, 8(3): 112-113. In Russian.

Transl. by ST for AFS, 1973, pp. 91-92 in "Hydrobiological
Journal" (transl. of entire issue). Avail. AFS, price per
copy \$18.00, yearly subsc. (6 issues) \$60.00.

Avail. on loan - NMFS, Wash., D.C.

Original Article Checked *AR*

Rubenchik, L.I., et al.

1972

Preparation of biological pure cultures of some blue-green algae (O poluchenii bakteriologicheskii chistykh kultur nekotorykh sinetselnykh vodorozei) Oidrobiologicheskii zhurnal, 8(3): 114-118. In Russian.

Transl. by ST for AF3, 1973, pp. 93-96 in "Hydrobiological Journal" (transl. of entire issue). Avail. AF3, price per cy. \$18.00, yearly subsc. (6 issues) \$60.00.

Avail. on loan - NMFS, Wash., D.C.

Original Article Checked 

Risov, A.K., B.I. Nakhveta, and

1972

Z.S. Litvinenko

Determination of dichromate oxidizability of water with trapping of volatile organic compounds (Opredelenie bikhromatnoi oksalitsaemosti vody s ulavlivaniem letuchikh organicheskikh soedinenii)

Gidrobiologicheskii zhurnal, 8(3): 119-124. In Russian.

Transl. by ST for AFS, 1973, pp. 97-101 in "Hydrobiological Journal" (transl. of entire issue). Avail. AFS, price per copy \$18.00, yearly subsc. (6 issues) \$60.00.

Avail. on loan - NMPS, Wash., D.C.

Original Article Checked 

Sirenko, L.A., and I.M. Menitskii 1972
Isolation and purification of blue-green algae
bilichromoproteins (Vydelenie i ochenistka bilichromoproteidov
sinetselnykh vodoroslei)
Gidrobiologicheskii zhurnal, 8(3): 124-130. In Russian.

Transl. by ST for AFS, 1973. pp. 101-106 in "Hydrobiological
Journal" (transl. of entire issue). Avail. AFS, price per
cy. \$18.00, yearly subsc. (6 issues) \$60.00.

Avail. on loan - NMFS, Wash., D.C.

Original Article Checked *MR*

Koslova, I.V.

1972

Calculation of total zooplankton production with specific reference to Ural lakes (Opyt rescheta obshchego produktsii zooplanktona na primere ural'skikh ozer)
Gidrobiologicheskii zhurnal. 8(3): 130-136. In Russian.

Transl. by ST for APS, 1973, pp. 106-111 in "Hydrobiological Journal" (transl. of entire issue). Avail. APS, price per copy \$13.00, yearly subsc. (6 issues) \$60.00.

Avail. on loan - NMFS, Wash., D.C.

Original Article Checked *R*

Trifonova, I.S.

1972

Phytoplankton of the Upper Yenisei prior to construction
of the Sayan Reservoir (Fitoplankton Verkhnego Eniseia do
obrazovaniia Saianskogo vodokhranilishcha)
Gidrobiologicheskii zhurnal, 8(4): 5-10. In Russian.

Transl. by ST for AFS, 1973, pp. 1-5 in "Hydrobiological
Journal" (transl. of entire issue). Avail. AFS, price per
copy \$18.00, yearly subsc. (6 issues) \$60.00.

Avail. on loan - NMFS, Wash., D.C.

Original Article Checked. *AK*

Trunova, J. A.

1972

Protozoa as antagonists of pathogenic aquatic microflora and a component of the biomass of fodder (Prosteishie - antagonisty patogennoi mikroflory vodnoi sredy i komponent kormovoi biomassy) Gidrobiologicheskii zhurnal, 8(4): 11-15. in Russian.

Transl. by ST for AFS, 1973, pp. 6-9 in "Hydrobiological Journal" (transl. of entire issue). Avail. AFS, price per copy. \$18.00. yearly subsc. (6 issues) \$60.00.

Avail. on Loan - NMFS, Wash., D.C.

Original Article Checked. *WR*

Kornienko, O.S.

1972

Protozoa in plankton of natural water of the Kuban' region
(Infuzorii v sostave plankton. estestvennykh vodoev Kubani)
Gidrobiologicheskii zhurnal, 8(4): 16-26. In Russian.

Transl. by ST for APS, 1973. pp. 10-18 in "Hydrobiological
Journal" (transl. of entire issue). Avail. APS, price per
cop. \$18.00, yearly subsc. (6 issues) \$60.00.

Avail. on loan - NMFS, Wash., D.C.

Original Article Checked *MR*

Gurvich, V.V., E.P. Nakhshin, and
I.K. Palamarchuk

1972

Abundance of micro- and mesobenthos as a function of the
composition of the soil (Razvitie mikro- i mesobentosa v
razvishosti ot sostava gruntov)

Gidrobiologicheskii zhurnal, 8(4): 27-34. In Russian.

Transl. by INT for APS, 1973, pp. 19-25 in "Hydrobiological
Journal" (transl. of entire issue). Avail. APS, price per
cop. \$18.00, yearly subs. (6 issues) \$60.00.

Avail. on loan - NMFS, Wash., D.C.

Original Article Checked. 

Pidguzko, M.L., and S.A. Krasan 1972
Invertebrate fauna of ponds in the Ingulets irrigation
area (O fauna besposvonochnykh prудov Inguletskogo massiva
orosheniia)
Gidrobiologicheskii zhurnal 8(4): 35-40. In Russian.

Transl. by ST for AFB, 1973. pp. 26-30 in "Hydrobiological
Journal" (transl. of entire issue). Avail. AFB, price per
c7. \$18.00, yearly subsc. (6 issues) \$60.00.

Avail. on loan - NMFS, Wash., D.C.

Original Article Checked. 

Nekrasova, M. Ia. 1972
Zoobenthos stock and production in Gulf of Taganrog
(Zapasy i produktiia zoobentosa Taganrogskogo zaliva)
Gidrobiologicheskii zhurnal, 8(4): 41-47. In Russian.

Transl. by ST for AFB, 1973, pp. 30-36 in "Hydrobiological
Journal" (transl. of entire issue). Avail. AFB, price per
copy \$18.00, yearly subsc. (6 issues) \$60.00.

Avail. on loan - NMFS, Wash., D.C.

Original Article Checked MR

Timoshina, L.A., and A.A. Shabalina 1972
Effect of starvation on the dynamics of concentration of
amino acid and free fatty acid in rainbow trout (*Salmo
gairdneri* re sostav aminokislot i nesterifitsirovannykh
zhirnykh kislot u radushnoi foreli)
Gidrobiologicheskii zhurnal, 8(4): 48-54. In Russian.

Transl. by ST for AFS, 1975, pp. 36-41 in "Hydrobiological
Journal" (transl. of entire issue). Avail. AFS, price per
cy. \$18.00, yearly subsc. (6 issues) \$60.00.

Avail. on Loan - NMFS, Wash., D.C.

Original Article Checked *AR*

Vorobiev, V. I., et al.

1972

Time changes in concentrations of trace elements in the organs and tissues of some commercial fishes of the Volga Delta (Dinamika mikroelementov v organakh i tkaniakh nekotorykh promyslovyykh ryb del'ty r. Volgi) Gidrobiologicheskii zhurnal, 8(4): 55-59. In Russian.

Transl. by ST for AFS, 1973, pp. 41-45 in "Hydrobiological Journal" (transl. of entire issue). Avail. AFS, price per copy \$18.00, yearly subsc. (6 issues) \$60.00.

Avail. on loan - NMFS, Wash., D. C.

Original Article Checked.

Solovtina, V.D., and S.P. Matshinskaya
Alteration of the amino acid content of the lde induced
by blue-green algae (Izmenenie aminokislotnogo sostava tseli
latsia pod vliyaniem sinizelenykh vodoroisli)
Gidrobiologicheskii zhurnal, 8(4): 60-64. In Russian. 1972

Transl. by NT for APS, pp. 46-49 in "Hydrobiological
Journal" (transl. of entire issue). Avail. APS, price per
cy. \$18.00, yearly subsc. (6 issues) \$60.00.

Avail. on Loan - NMFS, Wash., D.C.

Original Article Checked *MP*

Sherstiankin, P.P., V.M. Kaplin, and

1971

V.N. Makalimov

Vertical distribution of transparency in Lake Baikal during the under-ice period, and its relation to biological characteristics (Vertikal'noe raspredelenie prozrachnosti v podlednyy period na Baikale i ee svyaz' s biologicheskimi pokazateliami)

Gidrobiologicheskii zhurnal, 8(4): 65-68. In Russian.

Transl. by ST for AFS, 1973, pp. 50-52 in "Hydrobiological Journal" (transl. of entire issue). Avail. AFS, price per copy \$18.00, yearly subsc. (6 issues) \$60.00.

Avail. on loan - NMFI, Wash., D.C.

Original Article Checked *MR*

Boldyuk, N.M., E.D. Kaganovich, and
K.M. Kanin

1972

The Black Sea Phyllophora brodiaei (Turn.) J. Ag., a
promising alga for commercial exploitation (Chernomorskais
Phyllophora brodiaei (Turn.) J. Ag. - perspektivnaia
promyslovaiia "odoros")
Okeanologicheskii zhurnal, 8(4): 71-75. In Russian.

Transl. by BT for AFB, 1973, pp. 53-56 in "Hydrobiological
Journal" (transl. of entire issue). Avail. AFB, price per
cop. \$18.00, yearly subsc. (6 issues) \$60.00.

Avail. on loan - NMFS, Wash., D.C.

Original Article Checked *AK*

Salmanov, M.A.

1972

Phytoplankton production near the eastern shores of the
central Caspian (Produktivnaya fitoplankton v vostochno-
pribozh'e Srednego Kaspiia)
Gidrobiologicheskii zhurnal, 8(4): 71-75. In Russian.

Transl. by BT for AFM, 1973, pp. 36-59 in "Hydrobiological
Journal" (transl. of entire issue). Avail. AFM, price per
copy \$18.00, yearly subsc. (6 issues) \$60.00.

Avail. on loan - NMFS, Wash., D.C.

Original Article Checked *MR*

1972
Kurdina, T.N., and V.O. Deviatkin
Effect of heated waters of the Komikovo state regional
electric power plant on the oxygen content and phytoplankton
development in the Ivan'kovo Reservoir during the winter
(O vliyanii podogretykh vod Komikovskoi GRES na soderzhanie
kisloroda i razvitie fitoplanktona v Ivan'kovskom
vodokhranilishche v zimniy period)
Gidrobiologicheskii zhurnal, 8(4): 75-80. In Russian.

Transl. by BT for AFJ, 1973, pp. 60-64 in "Hydrobiological
Journal" (transl. of entire issue). Avail. APS, price per
cy. \$18.00, yearly subsc. (6 issues) \$60.00.

Avail. on Loan - NMUS, Wash., D.C.

Original Article Checked *M*

Zhuravskii, P.A., and V.I. Zolotareva.

1972

Length-weight characteristics of the shrimp Pontoporeia
gracilis (Ortm.) Martinov from the Zaporen's'ye Reservoir
(Razmerno-vesovaya kharakteristika bokoplava Pontoporeia
gracilis (Ortm.) Martinov iz Zaporozhskogo vodokhranil'shcha)
Gidrobiologicheskii zhurnal, 8(4): 80-82. In Russian.

Transl. by ST for AMS, 1973, pp. 65-67 in "Hydrobiological
Journal" (transl. of entire issue). Avail. AMS, price per
copy \$18.00, yearly subsc. (6 issues) \$60.00.

Avail. on loan - NMFS, Wash., D.C.

Original Article Checked. *NR*

Kirillova, G.O., and V.A. Sokolova 1972
Zooplankton of the Kolyva-Indigirka Lakes (Zooplankton
Kolyva-Indigirskikh ozer)
Gidrobiologicheskii zhurnal, 8(4): 32-35. In Russian.

Transl. by ST for AFS, 1973, pp. 67-69 in "Hydrobiological
Journal" (transl. of entire issue). Avail. AFS, price per
copy \$18.00, yearly subsc. (6 issues) \$60.00.

Avail. on Loan - HMFS, Wash., D.C.

Original Article Checked *MS*

Zeleninskii, L.M.

1972

Fungus infections of marine Cladocera (K isucheniiu
gribkovykh infektsii morskikh Cladocera)
Gidrobiologicheskii zhurnal, 9(4): 85-87. In Russian.

Transl. by ST for AFS, 1975, pp. 70-72 in "Hydrobiological
Journal" (transl. of entire issue). Avail. AFS, price per
cy. \$18.00, yearly subs. (6 issues) \$6.00.

Avail. on loan - IMPS, Wash., D.C.

Original Article Checked. 

Davydov, O.N., and I.V. Strashnik 1972
Some experimental data on the biology of Triacanthoporus
nodulosus L. in the early developmental stages (Nekotorye
eksperimental'nye dannyye po biologii Triacanthoporus nodulosus
L. na rannikh stadiakh razvitiya)
Gidrobiologicheskii zhurnal, 8(4): 87-90. In Russian.

Transl. by ST for AFS, 1973, pp. 72-75 in "Hydrobiological
Journal" (transl. of entire issue). Avail. AFS, price per
copy \$18.00, yearly subsc. (6 issues) \$60.00.

Avail. on Loan - NMFS, Wash., D.C.

Original Article Checked. 

Bul'ch, V.V.

1972

Use of Sorokin's apparatus to determine the rate of gas exchange in aquatic animals by the radiocarbon method
(Opyt primeneniia pribora Iu.I. Sorokina i opredeleniia intensivnosti gasobmena vodnykh zhivotnykh radiouglerodnym metodom)

Gidrobiologicheskii zhurnal, 8(4): 91-97. In Russian.

Transl. by ST for AFS, 1973, pp. 75-81 in "Hydrobiological Journal" (transl. of entire issue). Avail. AFS, price per cy. \$18.00, yearly subsc. (6 issues) \$60.00.

Avail. on loan - NMFS, Wash., D.C.

Original Article Checked. *MA*

Pikush, N.V.

1972

Calculation of water exchange and flow in a body of water
(Raschet vodoobmena i protokov v vode)
Gidrobiologicheskii zhurnal, 8(4): 57-100. In Russian.

Transl. by NT for AFS, 1973, pp. 82-84 in "Hydrobiological
Journal" (transl. of entire issue). Avail. AFS, price per
copy \$18.00, yearly subs. (6 issues) \$60.00.

Avail. on Loan - NMFS, Wash., D.C.

Original Article Checked

Bardyshev, O.D., and N.A. Protsenko 1972
Current theories on the mechanisms of the postspawning
death of Pacific salmon (Sovremennye predstavleniia o
mekhanizmax poslerestovoi gibli tikhookeanskikh lososей)
Gidrobiologicheskii zhurnal, 8(4): 101-111. in Russian.

Transl. by ST for AFS, 1973, pp. 85-91 in "Hydrobiological
Journal" (transl. of entire issue). Avail. AFS, price per
cop. \$18.00. yearly subsc. (6 issues) \$60.00.

Avail. on Loan - NMFS, Wash., D.C.

Original Article Checked *MR*

Vinburg, G.G. 1972
Project Aqua: a source book of inland waters proposed for
conservation, H. Luther, and J. Rosova IBP handbook no. 21,
IUCN occasional paper no. 2. Blackwell Scientific Publications,
Oxford and Edinburgh ("Proekt Akva" - spravochnik po vnutrennim
rodam, podlezhashchim okhrane)
Gidrobiologicheskii zhurnal, 8(4): 112-113. In Russian.

Transl. by SP for AFS, 1973, pp. 94-95 in "Hydrobiological
Journal" (transl. of entire issue). Avail. AFS, price per
oy. \$18.00, yearly subsc. (6 issues) \$60.00.

Avail. on Loan - NMFS, Wash., D.C.

Original Article Checked *MR*

Tsesh, Ia. Ia. 1972
Freshwater fauna of the Caucasus by A.G. Kasyanov, "Elm"
Publishing House, Baku, 1972, 285pp. (A.G. Kasyanov,
Presnovodnaya fauna Kavkaza)
Gidrobiologicheskii zhurnal, 2(4): 113-114. In Russian.

Transl. by BT for AFS, 1973, pp. 95-96 in "Hydrobiological
Journal" (transl. of entire issue). Avail. AFS, price per
copy \$18.00, yearly subsc. (6 issues) \$60.00.

Avail. on Loan - NMPS, Wash., D.C.

Original Article Checked. *RS*

Kus'menko, M.I., and N.A. Saenko 1972
Proceedings of the Symposium on the Culture of Algae
sponsored by the Division of Microbial Chemistry and
Technology of the American Chemical Society, held in New
York City, September 7-12, 1969. Edited by J.E. Majin.
Plenum Press, New York - London. 1971 (Svoistva vodoroslei
i ikh produkty)
Mikrobiologicheskii zhurnal, 8(4): 114-116. In Russian.

Transl. by ST for AFS, 1973, pp. 97-99 in "Hydrobiological
Journal" (transl. of entire issue). Avail. AFS, price per
copy \$18.00. yearly subs. (6 issues) \$60.00.

Avail. on loan - NMPS, Wash., D.C.

Original Article Checked. *NR*

Liakhov, S.M.

Hydrobiology of the Ural River: a collection of articles
edited by B.B. Drabkin, Yuzhnoural'sk Publishing Company.
1971, 102pp. (Gidrobiologiya reki Ural)
Gidrobiologicheskii zhurnal, 8(4): 117. In Russian.

1972

Transl. by JF for AFS, 1973, pp. 99-100 in Hydrobiological
Journal" (transl. of entire issue). Avail. AFS, price per
oy. \$18.00, yearly subsc. (6 issues) \$60.00.

Avail. on Loan - NMFS, Wash., D.C.

Original Article Checked *MS*

Salanov, D.A., and I.P. Kruginskiy 1972
Protection of open bodies of water and underground water
against pollution by pesticides, by E.K. Vrochinskiy,
Medizdat, Kiev, 1971, 4pp. (E.K. Vrochinskiy, Okhrana
otkrytykh vodnoy i podzemnykh vod ot zageizneniya
pestitsidami)
Gidrobiologicheskii zhurnal, 8(4): 117-118. In Russian.

Transl. by INT for APS, 1973, pp. 100-101 in "Hydrobiological
Journal" (transl. of entire issue). Avail. APS, price per
copy \$18.00, yearly subs. (6 issues) \$60.00.

Avail. on Loan - NAPS, Wash., D.C.

Original Article Checked *MR*

Koshova, O.M.

1972

Thermal regime and biology of Lake Kenon, transactions of
the Transbaikalian branch of the USSR Geographic Society, no.
62, Chita, 1972 (Termicheskiy rezhim i biologiya ozera Kenon)
Gidrobiologicheskii zhurnal, 8(4): 118-119. In Russian.

Transl. by JT for APS, 1973, pp. 101-102 in "Hydrobiological
Journal" (transl. of entire issue). Avail. APS, price per
copy \$18.00, yearly subsc. (6 issues) \$60.00.

Avail. on Loan - NNPS, Wash., D.C.

Original Article Checked. *ML*

Telitchenko, M.M. 1972
Methods of hydrobiology (freshwater biology) by J.
Schwarbel, Pergamon Press, 1970, 200pp. (Metody gidrobiologii
(presnovodnaya biologiya)
Gidrobiologicheskii zhurnal, 8(4): 119-120. In Russian.

Transl. by ST for APS, 1973, pp. 102-103 in "Hydrobiological
Journal" (transl. of entire issue). Avail. APS, price per
cy. \$18.00, yearly subs. (6 issues) \$60.00.

Avail. on loan - NMPS, Wash., D.C.

Original Article Checked *MR*

Gidrobiologicheskii Zhurnal 1972

Bibliography of Soviet literature on freshwater hydro-
biology and allied fields 1971-1972 (no. 10) (Bibliografiia
otchetvennoi literatury po presnovodnoi gidrobiologii i
smezhnym voptrosam 1971-1972 gg. (typ. 10-1)
Gidrobiologicheskii zhurnal, 8(4): 120-129. In Russian.

Transl. by BT for AFS, 1973, pp. 103-114 in "Hydrobiological
Journal" (transl. of entire issue). Avail. AFS, price per
yr. \$18.00, yearly subsc. (6 issues) \$60.00.

Avail. on Loan - NMHS, Wash., D.C.

Original Article Checked. *ML*

1972
Braginskii, I.P., and N.A. Lebedinskii
Development of problems relating to hydrobiology,
ichthyology, and utilization of the biological resources
of bodies of water (Razvitiie problem gidrobiologii, ikhtiologii
i ispol'zovaniia biologicheskikh resursov vodoslovov)
Gidrobiologicheskii zhurnal. 8(4): 130-131. In Russian.

Transl. by ST for AFS, 1973, pp. 114-116 in "Hydrobiological
Journal" (transl. of entire issue). Avail. AFS, price per
copy \$18.00, yearly subsc. (6 issues) \$60.00.

Avail. on loan - IMPB, Wash., D.C.

Original Article Checked *NR*

Vroshinski, K.K.

1972

Protection of water resources against pollution and
exhaustion (October 21-22, 1971, Kishinev) (Problemy
okhrany vodnykh istochnikov ot zagryazneniya i istoishcheniya
(21-22 oktyabrya 1971 g., Kishinev)
Gidrobiologicheskii zhurnal, 8(4): 132. In Russian.

Transl. by ST for APS, 1973, pp. 116-117 in "Hydrobiological
Journal" (transl. of entire issue). Avail. APS, price per
cy. \$18.00, yearly subs. (6 issues) \$60.00.

Avail. on loan - NMPS, Wash., D.C.

Original Article Checked *AK*

1972

Vroshinski K.K.

Symposium on the use of mathematical methods to assess and forecast the actual danger of pesticide accumulation in the environment and body (December 14-15, 1971, Kiev) (Simpozium po primeneniyu matematicheskikh metodov dlia otsenki i prognozirovaniia real'noi opasnosti nakopleniia pestitsidov vo vnesknoi srede i organizme (14-15 dekabria 1971 g., Kiev))

Gidrobiologicheskii zhurnal. 9(4): 133-134. In Russian.

Transl. by SF for AFS, 1973, pp. 117-119 in "Hydrobiological Journal" (transl. of entire issue). Avail. AFS, price per copy \$18.00, yearly subsc. (6 issues) \$60.00.

Avail. on loan - NMFS, Wash., D.C.

Original Article Checked *MS*

1972
Kashenko, A. P., and L. A. Poltavchuk
Nikolay Panilevich Pelyy: In Memorial (Paniati Nikolaia
Danilovicha Pologo)
Gidrobiologicheskii zhurnal, 8(4): 115-136. In Russian.
Transl. by ST for AFS, 1973, pp. 119-120 in "Hydrobiological
Journal" (transl. of entire issue). Avail. AFS, price per
copy \$18.00, yearly subsc. (6 issues) \$60.00.
Avail. on Loan - NMFS, Wash., D.C.

Original Article Checked. MK

GIDROBIOLOGICHESKIY ZHURNAL, Vol. 8, No. 5, 1972
Pp. 1-110.

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1972

Stolbunov, A. K.
Microbiological water samplers (Mikrobiologicheskie
preboortorniki vody)
Gidrobiologicheskii zhurnal, 8(5): 112-118. In Russian.
Transl. by SM for AWS, 1973, pp. 91-95 in "Hydrobiological
Journal" (transl. of entire issue). Avail. APS, price
per copy \$18.00, yearly subsc. (6 issues) \$60.00.
Avail. on Loan - NMFS, Wash., D.C.

Original Article Checked *MS*

1972
Andreyev, V.L., and V.Ye. Molotkov
The optimum number of samples in study of multicomponent
biological systems (Opredelenie optimal'nogo chisla prob
pri issledovanii mnogokomponentnykh biologicheskikh sistem)
Gidrobiologicheskii zhurnal, 8(5): 118-124. In Russian.

Transl. by ST for AFS, 1973, pp. 96-100 in "Hydrobiological
Journal" (transl. of entire issue). Avail. AFS, price
per copy \$18.00, yearly subsc. (6 issues) \$60.00.

Avail. on Loan - NMNH, Wash., D.C.

Original Article Checked *MR*

1972

Yernaki, I. I., and E. I. Nabivanets

A method of volume determination of sulfate ions in natural waters with different degrees of mineralization
(K metodike ob'emyego opredeleniia sulfat-ionov v prirodnykh vodakh razlichnoi mineralizatsii)
Gidrobiologicheskii zhurnal, 8(5): 124-127. In Russian.

Transl. by ST for APS, 1973, pp. 101-103 in "Hydrobiological Journal" (transl. of entire issue). Avail. APS, price per copy \$18.00, yearly subsc. (6 issues) \$60.00.

Avail. on loan - NMFS, Wash., D.C.

Original Article Checked *MR*

Kalantyrenko, I.I. 1972
Calculation of the concentration of the blue-green alga
biomass upon setting (Raschet sushcheniya biomassy sine-
zelnykh vodoryslay pri etatsivani)
Gidrobiologicheskii zhurnal, 8(5): 127-132. In Russian.
Transl. by ST for AFS, 1973. pp. 104-107 in "Hydrobiological
Journal" (transl. of entire issue). Avail. AFS, price
per av. \$18.00, yearly subsc. (6 issues) \$60.00.
Avail. on loan - NMPS, Wash., D.C.

Original Article Checked MR

Kaplan, V.M.

1972

A microaquarium-filter for microplankton samples
(Mikroakvarium-fil'tratov dlia obrabotki prob mikroplanktona)
Gidrobiologicheskii zhurnal, 9(5): 132-134. In Russian.

Transl. by ST for AFS, 1973, pp. 103-109 in "Hydrobiological
Journal" (transl. of entire issue). Avail. AFS, price
per cy. \$18.00, yearly subsc. (6 issues) \$60.00.

Avail. on loan - NMFS, Wash., D.C.

Original Article Checked *NR*

Bugai, K.S., and V.N. Zhukinskii
On his 60th birthday and 40th anniversary of his 1972
scientific and public careers (Vladimir Ivanovich
Vladimirov)
Gidrobiologicheskii zhurnal, 8(5): 125-136. In Russian.
Transl. by ST for APS, 1973, pp. 110-111 in "Hydrobiological
Journal" (transl. of entire issue). Avail. APS, price
per copy \$16.00, yearly subsc. (6 issues) \$60.00.
Avail. on loan - NMARS, Wash., D.C.

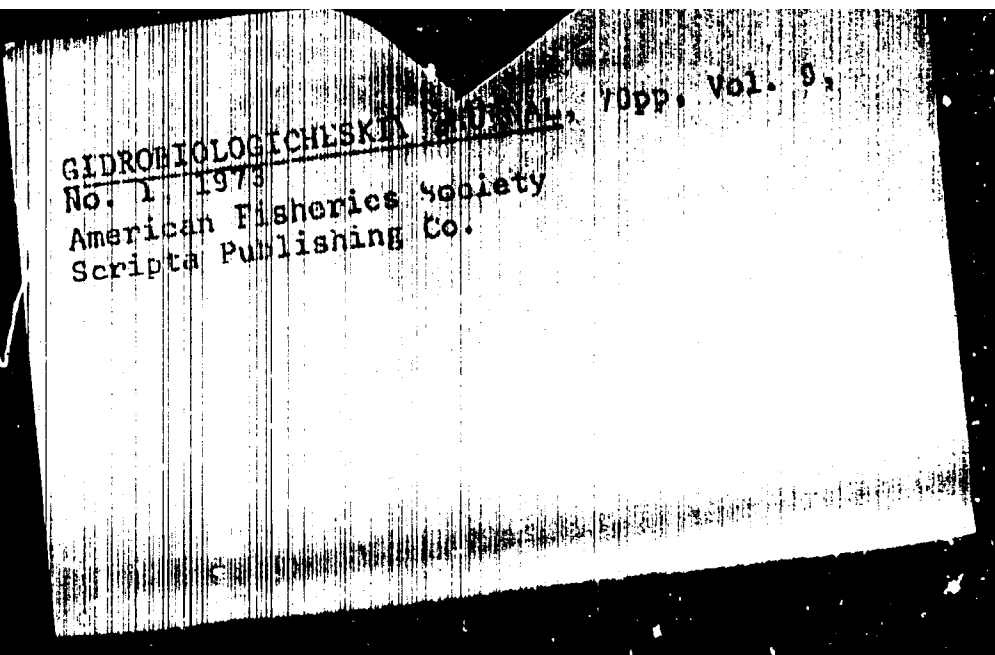
Original Article Checked. *MR*

ГИДРОБИОЛОГИЧЕСКИЙ ЖУРНАЛ, Vol. 10, No. 2, 1972

Pp. 1-54

American Fisheries Society

Avail Ly Ser



Labutina, T.M.

1973

Evolution of the dissolved gas content in the Vilyuy
reservoir (formirovanie gasovogo rezhima Viliut'skogo
vodokhranilishcha)

Gidrobiologicheskii zhurnal, 9(1): 16-22. In Russian.

Transl. by ST for AFS, 1973, pp. 1-6 in "Hydrobiological
Journal (transl. of selected articles). Avail. AFS,
price per copy \$20.00, yearly subsc. (6 issues) \$65.00.

Avail. on loan - NMFS, Wash., D.C.

Original Article Checked *NK*

Belavskaya, A.P.

1973

Toward investigation of higher aquatic vegetation as a component of the aquatic biogeocoenosis (K issledovaniyu vysshei vodnoi rastitel'nosti kak komponenta vodnogo biogeotsenosa)

Gidrobiologicheskii zhurnal, 2(1): 31-35. In Russian.

Transl. by Robert M. Howland, Aug. 1973, for DSPAW, 11p., typescript.

Avail. on loan - NMFS, Wash., D.C.

Original Article Checked *MR*

Eggert, M.3

1973

Daily vertical distribution of winter zooplankton in the pelagic zone of Lake Baikal (Sutokhina vertical'nye raspredeleniye zimnego zooplanktona v pelagialii oz. Baik.)
Gidrobiologicheskii zhurnal, 2(1): 35-46. In Russian.

Transl. by SP for APS, 1973, pp. 7-14 in "Hydrobiological Journal" (transl. of selected articles). Avail. APS, price per yr. \$20.00, yearly subscr. (6 issues) \$65.00.

Avail. on Loan - NMIM, Wash., D.C.

Original Article Checked

Ivanova, N.V.
Growth patterns of copepod crustaceans (Zakonomenosti
rosta i razvitiya rakoobraznykh)
Gidrobiologicheskii zhurnal, 2(1): 47-54. In Russian. 1973

Transl. by ST for AFS, 1973, pp. 15-21 in "Hydrobiological
Journal" (transl. of selected articles). Avail. AFS, price
\$20.00, yearly subsc. (6 issues) \$65.00.

Avail. on loan - NMFS, Wash., D.C.

Original Article Checked *MR*

Blagovidova, L.A.

Influence of environmental factors on the zoobenthos of
lakes of Southwestern Siberia (Vliyanie faktorov sredy na
zoobentos ozer yuga zapadnoi Sibiri)
Gidrobiologicheskii zhurnal. 2(1): 55-61. In Russian. 1973

Transl. by Robert M. Howland, Aug. 1973, for ESPAM, 13p.,
typescript.

Avail. on Loan - NMFS, Wash., D.C.

Original Article Checked *MR*

Khorosheko, P.N.

1973

Sturgeon reproduction in the Volga basin (razmnozhenie
osetrovyykh kassellm Volgi)
Gidrobiologicheskii zhurnal, 9(1): 62-69. In Russian.

Transl. by ST for AFS, 1973, pp. 27-33 in "Hydrobiological
Journal" (transl. of selected articles). Avail. AFS, price
per cr. \$20.00, yearly subsc. (6 issues) \$65.00.

Avail. on Loan - NMFS, Wash., D.C.

Original Article Checked.....*MR*

Kulakovskaya, O.P., and V.M. Ivasik

1973

Long-term changes in the parasitic fauna of some fishes
in the Dniester basin (Mnogoletnie izmeneniia parazitofauny
nekotorykh ryb basseina Dnestra)
Gidrobiologicheskii zhurnal, 9(1): 70-75. In Russian.

Transl. by ST for APS, 1973, pp. 34 in "Hydrobiological
Journal" (transl. of selected articles). Avail. APS, price
per copy \$20.00, yearly subsc. (6 issues) \$65.00.

Avail. on loan - NMFS, Wash., D.C.

Original Article Checked *NK*

Koval', V.P., and A.S. Ruzhkevich
Monogenetic trematodes of the genus Diplozoon Nordmann 1973
in fishes from bodies of water in the Ukraine
(Monogeneticheskie sosal'shchiki roda Diplozoon Nordmann
rybak yudozerov Ukrainy)
Hydrobiologicheskii zhurnal, 2(1): 76-82. In Russian.

Transl. by ST for APS, 1975, pp. 39-44 in "Hydrobiological
Journal" (transl. of selected articles). Avail. APS, price
per copy \$20.00, yearly subsc. (6 issues) \$65.00.

Avail. on Loan - NMFS, Wash., D.C.

Original Article Checked *MR*

Goman, G.A.

1973

Characteristics of bacteria in southern Lake Baikal
(Karakteristika bakterii vodnoi toshchi Iuzhnogo
Baikala)

Gidrobiologicheskii zhurnal, 2(1): 84-88. In Russian.

Transl. by ST for AFS, 1973, pp. 45-47 in "Hydrobiological
Journal" (transl. of selected articles). Avail. AFS, price
per cr. \$20.00, yearly subsc. (6 issues) \$65.00.

Avail. in Loan - NMFS, Wash., D.C.

Original Article Checked. *MR*

Sharatyankin, P.P., and V.H. Kaplin 1973
Study of concentrations of Macrochastoma branickii Dyb.
in Lake Balkal using a transparency meter (Issledovanie
s pomoshch'iu rretrachnomera skoplenii Macrochastoma
branickii Dyb. v. oz. Balkal)
Gidrobiologicheskii zhurnal, 9(1): 89-91. In Russian.

Transl. by ST for AFS, 1973, pp. 48-50 in "Hydrobiological
Journal" (transl. of selected articles). Avail. AFS, price
per copy \$20.00, yearly subsc. (6 issues) \$65.00.

Avail. on Loan - NMPS, Wash., D.C.

Original Article Checked

Salonov, I. A. 1973
Aquatic oligochaete worms from the vicinity of the Dnieper
estuary (Izucheniya vodnykh makroshchitinkovykh zhivotnykh
sredy estuarii Dnieprskogo basseina).
Izvestiya Akademiya Nauk SSSR, 1973, 9(1), 1-10, in Russian.

Transl. by J. for A.S. 1973, pp. 90-91 in: "Parasitological
Journal" (transl. of selected articles), A.S. 11, A.S. price
per vol. \$2.00, yearly subsc. (6 issues) \$12.00.

Avail. on loan - 1973, Wash., D.C.

Original Article checked K1

Kudrinakaya, O.I.

1973

Weight length ratio in certain fish larvae (Sootnoshenie
veshchiny i dliny dzhinok nekotorykh vidov ryb)
Gidrobiologicheskii zhurnal, 2(1): 93-96. In Russian.

Transl. by ST for AFS, 1973, pp. 52-54 in "Hydrobiological
Journal" (transl. of selected articles). Avail. AFS, price
per copy \$20.00, yearly subsc. (6 issues) \$55.00.

Avail. on Loan - NMFS, Wash., D.C.

Original Article Checked *MS*

Voinov, N.Ye. et al.

1973

Introduction and adaptation of Amur carp of hybridization with small-scale carp in pond fisheries of the Western Ukraine (Introduktsiia i akklimatizatsiia amurskogo sazana dlia gibrizatsii s malocheshurhatym karpom v prudovykh khoziaistvakh zapadnykh oblastei USSR) *Gidrobiologicheskii zhurnal*, 2(1): 96-99. In Russian.

Transl. by ST for AFS, 1973, pp. 55-57 in "Hydrobiological Journal" (transl. of selected articles). Avail. AFS, price per cy. \$20.00, yearly subsc. (6 issues) \$65.00.

Avail. on loan - NMFD, Wash., D.C.

Original Article Checked *NR*

Zakharov, M. I. 1973

Hermitids - parasites of some organisms that serve as
fodder for fish (Hermitidy - parazity nekotorykh kormovykh
dlya ryb organizmov)

Gidrobiologicheskii zhurnal, 2(1): 99-102. In Russian.

Transl. by SP for APS, 1973, pp. 57-60 in "Hydrobiological
Journal" (transl. of selected articles). Avail. APS, price
per dy. \$20.00, yearly subsc. (6 issues) \$65.00.

Avail. on Loan - NMPB, Wash., D.C.

Original Article Checked.....

Gutelshteyn, B.L.

1973

Authoradiography as a method of determining the relative contribution of individual algal species to the primary production of plankton (Radioavtograficheskiy metod opredeleniya otnositel'nogo vneseniya otdel'nykh vidov vodoryasel v pervichnoi produktii planktona) *Gidrobiologicheskii zhurnal*, 2(1): 103-107. In Russian.

Transl. by ST for AFS, 1973, pp. 61-64 in "Hydrobiological Journal" (transl. of selected articles). Avail. AFS, price per copy, \$20.00, yearly subsc. (6 issues) \$65.00.

Avail. on loan: - NMFS, Wash., D.C.

Original Article Checked.....*MR*

Kravchuk, T.S.

1973

Methods of analysing mathematical models for regulation
of biocenoses (Metodan issledovaniia matematicheskikh modelei
regulirovaniia biotsenozov)

Gidrobiologicheskii zhurnal, 2(1): 107-113. In Russian.

Transl. by SM for APT, 1973, pp. 65-70 in "Hydrobiological
Journal" (transl. of selected articles). Avail. AFS, price
per copy \$20.00, yearly subscr. (6 issues) \$65.00.

Avail. on loan - NAPS, Wash., D.C.

Original Article Checked *MS*

Borutskiy, Ye. V.

Content, Structure, and Goals of Hydrobiology.

15 pp

GIDROBIOLOGICHESKIY ZHURNAL, Moscow, No 3, 1973,

pp 86-95.

JPRS 60774

Deksbakh, N. K.

Ecosystem Endangered by the Intervention of Man,
11 pp.

GIDROBIOLOGICHESKIY ZHURNAL, Moscow, No 4,
Vol IX, 1973, pp 111-117.

JPRS 61314

Mar 74

Mel'nikov, G.

Plenary Session of the USSR Academy of Sciences
Scientific Council on the Problems of Hydro-
biology, Ichthyology and Use of Biological
Resources of Water Reservoirs.

6 pp

GIDROBIOLOGICHESKIY ZHURNAL, Moscow, No 3, 1973.

pp 131-133.

JPRS 60774

Danov, A. S.

Accounting for Boundary Layer Processes in Numerical
Simulation of total Atmospheric Circulation 15 pp

GIUDRODINAMICHESKIE ISSLEDOVANIYA TEIRKULYATSIY ATMOS-

FERI, nr. 256, 1970 pp. 45-56

AIR/FTD-HT-23-503-73

Kagan, R. L.

Assigning Heat flows during numerical Experiments
using a Thermotropic Model 12 pp

GIDRODINAMICHESKIYE ISSLEDOVANIYA TSIKULYATSI

ATMOSFERY, nr. 256, 1970, pp. 98-107

AIR/FTD-WT-23-504-73

Gandin, L. S.

Numerical Integration of an Inertia Model over long
Periods 16 pp

GIDRODINAMICHESKIYE ISSLEDOVANIYA TSIRKULYATSII
ATMOSFERY, nr. 256, 1970, pp, 108-120

ATR/TTD-HT-23-5-5-73

Y-timov, V. A.

Invariant-Group Method in boundary value problems of
the Planetary Dynamics of the Atmosphere 11 PP
GIDRODINAMICHESKOE ISSLEDOVANIYA TSIRKULYATSII ATMOS-
FERY, hr. 256, 1976, PP. 147-151
AIR/FTD-MT-23-506-73

KONSTANTINOV, B. P.
//GIDRODINAMICHESKOYE ZVUKOSOBRAZOVANIYE I
RASPROSTRANENIYE ZVUKA V OGRANICHENNOY SREDE//
---/---/1974, V----, N----,
Hydrodynamic Sound Formation and Sound Propagation
in a Confined Medium, 144 pp.
*NASA TT F-1576088

Panchenkov, A. N.

The Problem of Unsteady Motion of a Wing With
Variable Distance From a Barrier.

1c pp

GIDRODINAMIKA BOL'SHIKH SKOROSTEY, Moscow, no 2,
1966, pp 7-24.

JPRS 62347

Yukhimenko, A. I.

Effect of Profile Shape on Aerodynamic Characteristics of a Wing Near A Shield.

11 pp

GIDRODINAMIKA BOL'SHIKH SKOROSTEY, Moscow, No 2,

1966, pp 34-46.

JPRS 62360

Korolev, V. I.

Motion of Vehicle With Lifting Airfoils Over
Rippled Water Surface.

6 pp

GIDRODINAMIKA BOL'SKIKH SKOROSTEY, Moscow, No 2,
1966, pp 75-80.

JPRS 62337

Panchenkov, A. N.

Wing of Arbitrary Aspect Ratio Near a Barrier.

10 pp

GIDRODINAMIKA NEUSCHIKH POVERKHNOSTEY, Moscow,

1966, pp 150-159.

JPRS 62385

Paravyan, E. A.

Profile Drag of Wing Moving Near Supporting Surface With Partial Observance of Boundary Value Conditions.

7 pp

GIDRODINAMIKA NESUSHCHIKH POVERKHNOSTEI, Moscow, 1966, pp 160-166.

JPRS 62363

Shadrin, V. P.

Aerodynamic Characteristics of a Finite-Span
Wind With a Flap Moving Near A Solid Wall.

6 pp

GIDRODINAMIKA NESUSHCHIKH POVERKHNOSTEY, Moscow,
1966, pp 167-173.

JPRS 62357

Zinchuk, P. I.

Motion of a Swept wing Near a Solid Barrier With
Optimum Circulation Distribution.

13 pp

GIDRODINAMIKA NESUSHCHIKH POVERKHNOSTEY, Moscow,

1966, pp 174-187.

JPRS 62363

Men'shikov, V. I.

Jet Airfoil Close to a Flat Barrier.

8 pp

GIDRODINAMIKA NESUSHCHIKH POVERKHNOSTEY. Moscow,

1966, pp 192-199.

JPRS 62323

Panchenkov, A. N.

Motion of an Airfoil With Variable Distance From
a Barrier.

6 pp

GIDRODINAMIKA NESUSHECHKY POVERKHOSTEY, Moscow,
1966, pp 200-205.

JPRS 62363

Lukashenko, A. N.

Problem of Nonstationary Motion of an Airfoil
Near a Barrier.

9 pp

GIDRODINAMIKA NESUSECHIKH POVERKHNOSTEY, Moscow,
1966, pp 206-215.

JPRS 62363

Korolev, V. I.

Longitudinal Static Stability of Vechile: With
Two Lifting Wings.

7 pp

GIDRODINAMIKA NESUSHCHIKH POVERKHNCSTEV, Moscow,
1966, pp 216-222.

JPRS 62363

Iurinov, D.M. Editor

Water Power and Hydraulic Engineering Construction after 50 Years of Soviet Power

GIDROENERGETIKA I KOMPLEKSNOE GIDROTEKHNIЧЕСКОЕ
STROITELSTVO ZA 50 LET SOVETSKOI VLASTI 1969
560 pp

*NTIS-TT-74-52044

GIDROFIZICHESKIE I GIDROKHMICHESKIE ISSLEDOVANIYA,
MORSKOI GIDROFIZICHESKII INSTITUT, AKAD NAUK UKRSSR

Vol 42, 1960, pp 214-233

*NMFS

may 73

A.A. Dartsev

Hydrogeology of Oil and Gas Deposits
Gidrogeologiya neftiannykh i gazovykh mestorozhdenii.
Gostoptekhnizdat, Moscow, 1963. 353pp.
*NTIS-TT-73-58022

Apr 73

Svatkova, T. G.

Hydrographic Interpretation of Orbital Photographs and
the Possibility of Using them in Hydrological Mapping.
GIDROGRAFICHESKOYE DESHIFIROVANIYE ORBITAL'NYKH SNIMKOV
I VOZMOZHNOST' ISPOL'ZOVANIYA IKH V GIDROLOGICHESKOM KAR-
TOGRAFIROVANII, Feb. 12-17, 1973, 15 pp.

1 NASA TT F 14,974

GO CHANOV, I.A.
//DISSEMINATE MATERIAL//

---/---/1999, 1999, 2000,
Determination of nonvolatile carboxylic acids in
natural waters,

PP 116-120, NASA TR F 1604300

Tokarev, B. I.

The determination of hydroxymethyl-furfural in wood
hydrolyzates.

GIDROLIZNAYA I LESOKHIMICHESKAYA PROMYSHLENNOST,
v. 15, n. 6, p. 16-19, 1962.

NTC 73-10832-07C

Kovalenko, L.M.

Method for heat and hydrodynamic calculations
for plate-type heat exchangers.

GIDROLIZNAYA I IESOKHIMICHESKAYA PROMYSHLEN-

NOST, 1964, pp 17-20, n. 1.

NTC 73-12344-07A.

Prokuna, L. V.

Chemical composition of soluble tars of different
origin (review)

GIDROLIZNAYA I LESOKHIMICHESKAYA PROMYSHLENNOST, v. 18,

n. 7, 1966, pp. 9-12

REC 73-12040-070

Kromina, L. V.

The chemical composition of gas generator soluble
tar obtained from spruce bark

GIDROKARBONAT I LESOKHEMICHESKAYA PROMYSLENNOST, v. 10,
n. 6, pp. 9-11, 1966

INTC 73-12290-ELD

Skovortsova, O. V.

Good Results of Wood-Chemistry Output Quality
Certification Process.

5 pp

GIDROLIZNAYA I LESOKHIMICHESKAYA PROMYSHLENNOST',
Moscow, No 8, 15 Nov 1973, pp 21-23.

JPRS 61102

Kallin, G. P.

Hydrological bases for forecasting and calculating
runoff by aerospace images of the Earth's surface 42/10

ГИДРОЛОГИЧЕСКИЕ ОСНОВЫ ПРОГНОЗА И РАСЧЕТА СТОКА
ПО АЭРОКОСМИЧЕСКИМ СНИМКАМ ЗЕМНОЙ ПОВЕРХНОСТИ,

1974, pp. 52

ONASA TT F 15665

Efremov, I. I.

Influence of hydrodynamic tunnel walls on super-cavitating flow around profiles.

GIDROMEKHANIKA, No 17, p. 15-22, 1971

NTC 73-10696-20D

may 73

Roman, V. M.

Analysis of supercavitating flow around slender
profiles in a bounded stream.

GIDROMEKHANIKA, No 17, p. 22-30, 1971

NTC 73-10695-20D

may 73

PL/03

I. K. Kishin

Approximate Calculation of Heat and Mass Transfer
at a Curved Boundary Layer on a Surface with
Arbitrary Roughness.

GIDROTEKHNIKA, AKADEMIYA NAUK, Vol. 1, 1972, XXY.
XXXXXXXXXX, pp. 66-73

ESTC-DET-13-22 7-72

Teslo, A. P.

Some Results of Experimental Investigations of
Turbulent Flow in Flexible Pipes.

7 pp

GIDROMEKHANIKA. Kiev, No 24, 1973, pp 18-22.

JPRS 60785

Prikhod'ko, N. A.
Experimental Study of a Model of a Hydro-Gas
Jet Engine.
13 pp
GIDROMEKHANIKA. Kiev, No 24, 1973, pp 65-73.
JPRS 60785

Mokeyev, Yu. G.

Experimental Investigation of a Model of a Hydro-
Gas Ramjet Engine.

6 pp

GIDROMEKHANIKA, Kiev, No 24, 1973, pp 73-77.

JPRS 60785

LEZHENKOV, G. M.
//ГИДРОТЕХНИЧЕСКАЯ РАБОТА И МЕТОДЫ
РАСЧЕТОВ//

---/1968, V---, K---,
Electromechanical of Mining Placer Deposits and
Computational,
200 pp., Listed on Microfilm as in Process:
CANCEN